Figure 1

Minimal Inhibitory Concentrations (MIC, mM) of Benzimidazoles against Bacteria and Yeast

		Gram+				Gram-			Yeast
Compound	SA1	EH2	SP4	SP6	EC2	VP8	KP1	PA2	CA1
7a	6-12	1-3	3-6	12-25	12-26	25-50	6-12	25-50	50-100
Jb	3-6	1-3	3-6	6-12	6-12	12-25	6-12	25-50	25-50
7c	6-12	3-6	6-12	12-25	12-25	25-50	12-25	12-25	>100
7d	12-25	6-12	6-12	25-50	50-	L	25-50	25-50	>100
					100				
7e	6-12	3-6	6-12	25-50	25-50	Z	25-50	25-50	>100
7g	6-12	1-3	3-6	12-25	12-25	25-50	12-25	25-50	>100
7i	6-12	1-3	3-6	6-12	6-12	12-25	6-12	25-50	>100
7.j	6-12	1-3	6-12	12-35	50-	50-100	12-25	12-25	50-100
					100				
7k	3-6	1-3	6-12	6-12	25-50	>100	12-25	25-50	25-50
Tl L	3-6	3-6	3-6	6-12	12-25	25-50	12-25	12-25	. >100
7m	6-12	3-6	6-12	12-25	12-25	25-50	12-25	12-25	50-100
70	6-12	3-6	6-12	12-25	12-25	25-50	12-25	25-50	>100
7r	6-12	3-6	6-12	12-25	12-25	12-25	6-12	12-25	50-100
7s	6-12	3-6	6-12	12-25	12-25	25-50	12-25	25-50	>100
71	6-12	3-6	6-12	25-50	50-	25-50	25-50	12-25	50-100
					100				
7u	6-12	3-6	6-12	12-25	25-50	25-50	12-25	25-50	>100
7x	6-12	3-6	12-25	6-12	6-12	25-50	25-50	12-25	50-100
10b	3-7	0.75-	25-50	6-12	12-26	25-50	25-50	6-12	6-12
		1.5							
10c	6-12	1-3	3-6	6-12	12-25	N	6-12	12-25	12-25
12	3-6	1-3	3-6	6-12	6-12	Z	6-12	12-25	50-100

<sup>a</sup>SA1; S. aureus 13709; EH2: E. hirae 29212; SP4: S. pyogenes 49399; SP6: S. pneumoniae 6303; EC2: E. coli 25922; PV8: P. vulgaris 8427; KP1: K. pneumoniae 13383; PA2: P. aeruginosa 25416; CA1: C. albicans 10231, NT: Not tested.

Figure 2

Minimal Inhibitory Concentrations (MIC, mM) of Benzimidazoles against Enterococcus

Compound E.FAEC	E.FAECALIS	E.FAECALI	E.FAECALI	L'FAECALI E.FAECALI	E.FAECALIS_	E.FAECIUM	E.FAECIUM_	E.HIRAE_
	ATCC_11823	41	0	GUT ON W		6 6		12_12
7a	3-6	6-12	6-12	6-12	6-12	3-6	6-12	1-3
<b>J</b>	3-6	3-6	3-6	3-6	3-6	3-6	3-6	1-3
70	6-12	12-25	12-25	12-25	12-25	6-12	12-25	3-6
<b>7</b> d	12-25	25-50	25-50	12-25	12-25	12-25	25-50	6-12
7e	12-25	12-25	12-25	12-25	12-25	12-25	12-25	3-6
7.	6-12	LN	25-50	50-100	50-100	12-25	NT	1-3
7,	L	IN	NT	25-50	N	50-100	N	1-3
7m	12-25	12-25	12-25	12-25	12-25	12-25	12-25	3-6
7p	6-12	12-25	12-25	12-25	6-12	6-12	12-25	3-6
7r	12-25	6-12	12-25	12-25	6-12	6-12	6-12	3-6
7s	12-25	12-25	12-25	6-12	12-25	6-12	12-25	3-6
7	12-25	12-25	12-25	12-25	12-25	6-12	12-25	3-6
Ju	12-25	12-26	12-25	12-26	12-26	6-12	12-25	3-6
7x	3-6	6-12	6-12	6-12	6-12	3-6	6-12	3-6
10b	3-6	6-12	6-12	6-12	. 6-12	3-6	6-12	0.7-1.5
10c	3-6	3-6	6-12	3-6	6-12	3-6	3-6	1-3
12	6-12	6-12	6-12	6-12	3-6	3-6	6-12	1-3

Figure 3

Minimal Inhibitory Concentrations (MIC) of Selected Benzimidazoles against Bacteria and Yeast<sup>a</sup>

			Gram +				Gram -		Yeast
Compound	SA1	EH2	SP4	SP6	EC2	PV8	KP1	PA2	CA1
14a	6-12	25-50	25-50	12-25	25-50	25-50	25-50	50-100	12-25
14b	6-12	25-50	25-50	6-12	>100	>100	50-100	>100	>100
19f	6-12	3-6	6-12	12-25	12-25	12-25	12-25	25-50	25-50
17g	6-12	3-6	6-12	12-25	12-25	25-50	6-12	25-50	12-25
17b	6-12	1-3	6-12	12-25	25-50	>100	12-25	>100	>100
18j	3-6	3-6	6-12	12-25	>100	50-100	6-12	50-100	>100
18m	6-12	1-3	6-12	12-25	>100	25-50	25-50	50-100	25-50

<sup>a</sup>SA1: S. aureus 13709; EH2: E. hirae 29212; SP4: S. pyogenes 49399; SP6: S. pneumoniae 6303; EC2: E. coli 25922; PV8: P. vulgaris 8427; KP1: K. pneumoniae 13383; PA2: P. aeruginosa 25416; CA1: C. albicans 10231.